

Claims

1. A polyol mixture containing
 - (1) 10 to 97% by weight of a crystalline polyester polyol produced by an aliphatic dicarboxylic acid and an aliphatic diol as main components,
 - (2) 0 to 45% by weight of a polyester polyol produced by an aromatic polycarboxylic acid and an aliphatic polyol as main components, and
 - 10 (3) 3 to 45% by weight of a polycarbonate polyol.
2. The polyol mixture according to Claim 1, wherein (1) the crystalline polyester polyol produced by the aliphatic dicarboxylic acid and the aliphatic diol as main components has a crystallinity of 30% or more, when the polyester polyol is cooled and solidified from a melting state with a cooling rate of 10°C/min and the crystallinity of which was measured by X-ray diffraction method (Ruland method).
3. The polyol mixture according to Claim 1, wherein (1) the crystalline polyester polyol is a diol comprising the aliphatic dicarboxylic acid is a dicarboxylic acid having 6 to 12 carbon atoms, and the aliphatic diol is a diol having 2 to 12 carbon atoms,
 - (2) the polyester polyol is a polyol comprising the aromatic polycarboxylic acid which is at least one compound selected from the group consisting of phthalic acid, terephthalic acid and isophthalic acid, and the aliphatic polyol is a polyol having 2 to 12 carbon atoms.
4. The polyol mixture according to Claim 3, wherein (1) the aliphatic dicarboxylic acid is at least one selected from dodecanedioic acid and adipic acid, and the aliphatic diol is 1,6-hexanediol.
5. The polyol mixture according to Claim 4, wherein (2) the aromatic polycarboxylic acid is phthalic acid and adipic acid, and the aliphatic polyol is a polyester polyol of ethylene glycol and neopentyl glycol.
6. The polyol mixture according to Claim 5, wherein (3)

the polycarbonate polyol is a compound containing 1,6-hexanediol.

7. The polyol mixture according to Claim 1, wherein the mixture contains

5 (1) 30 to 90% by weight of a crystalline polyester polyol produced by an aliphatic dicarboxylic acid and an aliphatic diol as main components,
(2) 5 to 30% by weight of a polyester polyol produced by an aromatic polycarboxylic acid and an aliphatic polyol as
10 main components,
(3) 5 to 40% by weight of a polycarbonate.

8. A reactive hot melt composition obtained by reacting the polyol mixture and the polyisocyanate according to any one of Claims 1 to 7.

15 9. A molded product using the reactive hot melt composition according to Claim 8.

10. A molded product which is obtained by injecting the reactive hot melt composition according to Claim 8 into a closed mold, cooling the same, taken out from the mold, and
20 then, cured by moisture in the air.

11. A molded product according to Claim 10, wherein the product can be obtained by providing an inserting material in the closed mold and integrally molded.

25 12. A molded product according to any one of Claims 9 to 11, wherein the product is a product in the fields of an electric and electronic parts producing industry, and a semiconductor parts producing industry.

13. A molded product according to Claim 11, wherein the inserting material is an electric or electronic constitutional part or a semiconductor constitutional part.

30 14. A molded product according to Claim 12 or 13, wherein the electric or electronic constitutional part or the semiconductor constitutional part is a sensor, a circuit board, an element, a switch, a wiring, a connector, a display device or a battery.